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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>	Application Number		10686916
	Filing Date		2003-10-16
	First Named Inventor	Joseph Michael Christie	
	Art Unit	2661 2616	
	Examiner Name	A - Patel	
	Attorney Docket Number	1090j	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
AP	1	4491945		1985-01-01	Turner	
	2	4991172		1991-02-05	Cidon, et al.	
	3	5115426		1992-05-19	Spanke	
	4	5297147		1994-03-22	Shimokasa	
	5	5339318		1994-08-16	Tanaka, et al.	
	6	5440563		1995-08-08	Isidoro, et al.	
	7	5473679		1995-12-05	La Porta, et al.	
↓	8	5485455		1996-01-16	Dobbins, et al.	

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STATEMENT BY APPLICANT**  
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Application Number	10686916
Filing Date	2003-10-16
First Named Inventor	Joseph Michael Christie
Art Unit	2664 2016
Examiner Name	A. Patel
Attorney Docket Number	1090j

9	5544163		1996-08-06	Madonna	
10	5568475		1996-10-22	Doshi, et al.	
11	5666399		1997-09-09	Bales, et al.	
12	5701301		1997-12-23	Weisser, Jr.	
13	5703880		1997-12-30	Miura	
14	5862334		1999-01-19	Schwartz, et al.	
15	6327270		2001-12-04	Christie, et al.	

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**U.S.PATENT APPLICATION PUBLICATIONS**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>( Not for submission under 37 CFR 1.99)</small>	Application Number		10686916
	Filing Date		2003-10-16
	First Named Inventor	Joseph Michael Christie	
	Art Unit	2661 2616	
	Examiner Name	A. Patel	
	Attorney Docket Number	1090j	

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
AS	1	0 488 399	EP		1992-06-03	Fujitsu Limited		<input type="checkbox"/>

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#### NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
AS	1	MANU BAHL, ET AL.; "The Evolving Intelligent Interexchange Network - An SS7 Perspective;" Proceedings of the IEEE; April 1992; Pages 637-643; Volume 80, Number 4.	<input type="checkbox"/>
AS	2	IBM INTERNATIONAL TECHNICAL SUPPORT ORGANIZATION; "Networking BroadBand Services (NBBS) Architecture Tutorial;" June 1995; 248 pages; First Edition; Research Triangle Park, North Carolina, USA.	<input type="checkbox"/>

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Examiner Signature	AJIT PATEL	Date Considered	6/20/07
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Not for submission under 37 CFR 1.99)</i>	Application Number	10686916
	Filing Date	2003-10-16
	First Named Inventor	Joseph Michael Christie
	Art Unit	266192616
	Examiner Name	unknown A. Cola
	Attorney Docket Number	1090j

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
Ø	1	4970721		1990-11-13	Aczel et al.	
	2	6278972		1994-01-11	Baker et al.	
	3	5590133		1996-12-31	Billström et al.	
	4	5689555		1997-11-18	Sonnenberg	
	5	5715239		1998-02-03	Hyodo et al.	
	6	5774675		1998-06-30	Uchida	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Not for submission under 37 CFR 1.99)</i>	Application Number	10686916
	Filing Date	2003-10-16
	First Named Inventor	Joseph Michael Christie
	Art Unit	2661-2616
	Examiner Name	unknown A. Gales
	Attorney Docket Number	1080j

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PTQ/SB/08A (07-05)

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**Application Number** 10/686,916

Filing Date 10/16/2003

*First Named Inventor*      Joseph Mich

*Art Unit* 2661-*L*

**Examiner Name** A. G.

**Attorney Docket Number** 1090j

**U.S. PATENT DOCUMENTS**

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Substitute for Form 1449B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/686,916
(Use as many sheets as necessary)		<i>Filing Date</i>	10/16/2003
		<i>First Named Inventor</i>	Joseph Michael Christie
		<i>Art Unit</i>	2861-7-616
		<i>Examiner Name</i>	A. Dale
Sheet	2	of	2
		<i>Attorney Docket Number</i>	1090j

Examiner Signature	ATTORNEY	Date Considered	6/20/07
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

4

**Complete If Known**

Application Number	10/686,916
Filing Date	10/16/2003
First Named Inventor	Joseph Michael Christie
Art Unit	2661- 2616
Examiner Name	A. Palos
Attorney Docket Number	1090j

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
PO	1	US- 4,720,850	01/19/1988	Oberlander et al.	
	2	US- 4,730,312	03/08/1988	Johnson et al.	
	3	US- 4,736,364	04/05/1988	Basso et al.	
	4	US- 4,748,658	05/31/1988	Gopal et al.	
	5	US- 4,757,526	07/12/1988	Foster et al.	
	6	US- 4,763,317	08/09/1988	Lehman et al.	
	7	US- 4,853,955	08/01/1989	Thom et al.	
	8	US- 5,003,584	03/26/1991	Benyacar et al.	
	9	US- 5,048,081	09/10/1991	Gavaras et al.	
	10	US- 5,051,983	09/24/1991	Kammerl	
	11	US- 5,089,954	02/18/1992	Rago	
	12	US- 5,115,427	05/19/1992	Johnson, Jr. et al.	
	13	US- 5,185,743	02/09/1993	Murayama et al.	
	14	US- 5,204,857	04/20/1993	Obara	
	15	US- 5,251,255	10/05/1993	Epley	
	16	US- 5,258,979	11/02/1993	Oomuro et al.	
	17	US- 5,271,010	12/14/1993	Miyake et al.	
	18	US- 5,274,635	12/28/1993	Rahman et al.	
	19	US- 5,282,244	01/25/1994	Fuller et al.	
	20	US- 5,289,472	02/22/1994	Cho	
	21	US- 5,291,492	03/01/1994	Andrews et al.	
	22	US- 5,327,421	07/05/1994	Hiller et al.	
	23	US- 5,339,318	08/16/1994	Tanaka et al.	
	24	US- 5,345,443	09/06/1994	D'Ambrogio et al.	
	25	US- 5,345,445	09/06/1994	Hiller et al.	
	26	US- 5,345,446	09/06/1994	Hiller et al.	
	27	US- 5,363,433	11/08/1994	Isono	
	28	US- 5,375,124	12/20/1994	D'Ambrogio et al.	
	29	US- 5,377,186	12/27/1994	Wegner et al.	
	30	US- 5,392,402	02/21/1995	Robrock, II	
	31	US- 5,420,858	05/30/1995	Marshall et al.	
	32	US- 5,422,882	06/06/1995	Hiller et al.	
	33	US- 5,425,090	06/13/1995	Omiss	
	34	US- 5,428,608	06/27/1995	Eng et al.	
	35	US- 5,434,852	07/18/1995	La Porta et al.	
	36	US- 5,434,981	07/18/1995	Lenihan et al.	
	37	US- 5,438,527	08/01/1995	Feldbaumer et al.	
	38	US- 5,440,626	08/08/1995	Boyle et al.	
	39	US- 5,444,713	08/22/1995	Backaus et al.	
	40	US- 5,452,297	09/19/1995	Hiller et al.	
	41	US- 5,452,350	09/19/1995	Reynolds et al.	
	42	US- 5,457,684	10/10/1995	Bharucha et al.	
	43	US- 5,459,722	10/17/1995	Sherif	
	44	US- 5,469,501	11/21/1995	Otsuka	
	45	US- 5,473,677	12/05/1995	D'Amato et al.	
	46	US- 5,473,679	12/05/1995	La Porta et al.	
✓	47	US- 5,483,527	01/09/1996	Doshi et al.	

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Sheet 2 of 4

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	10/686,916
		<i>Filing Date</i>	10/16/2003
		<i>First Named Inventor</i>	Joseph Michael Christie
		<i>Art Unit</i>	2601-2616
		<i>Examiner Name</i>	J. Palec
Sheet	2	of	4
		<i>Attorney Docket Number</i>	

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Sheet 3 of 4

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Application Number</i>	10/686,916
				<i>Filing Date</i>	10/16/2003
				<i>First Named Inventor</i>	Joseph Michael Christie
				<i>Art Unit</i>	2661-2616
				<i>Examiner Name</i>	A. Pale
				<i>Attorney Docket Number</i>	1090j
(Use as many sheets as necessary)					
Sheet	3	of	4		

## **FOREIGN PATENT DOCUMENTS**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Application Number</i>	10/686,916
				<i>Filing Date</i>	10/16/2003
				<i>First Named Inventor</i>	Joseph Michael Christie
				<i>Art Unit</i>	2661-2076
				<i>Examiner Name</i>	A. Palmer
(Use as many sheets as necessary)					
Sheet	4	of	4	<i>Attorney Docket Number</i>	

#### **:NON-PATENT LITERATURE DOCUMENTS**

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Substitute for form 1448B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/686,916
		<i>Confirmation Number</i>	7475
		<i>Filing Date</i>	10/16/2003
		<i>First Named Inventor</i>	Joseph Michael Christie
		<i>Art Unit</i>	2661 2616
		<i>Examiner Name</i>	A. Parker
(Use as many sheets as necessary)		<i>Attorney Docket Number</i>	1090j
Sheet	2	of	2

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